

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091124\  
 Data File : VY019515.D  
 Acq On : 11 Sep 2024 17:39  
 Operator : SY/MD  
 Sample : P3911-05  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 12 01:34:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

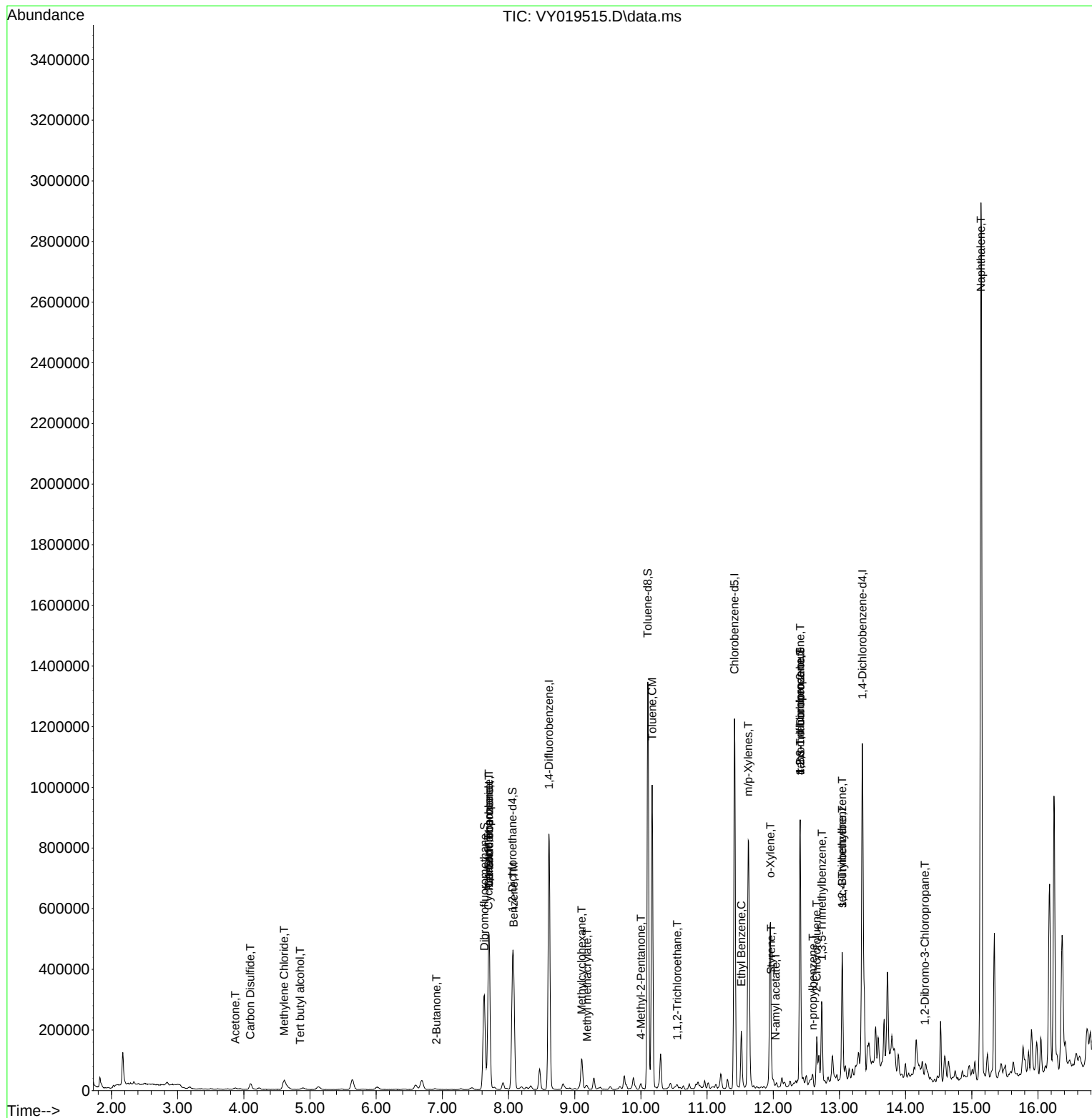
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.707  | 168   | 368977   | 50.000    | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.609  | 114   | 711651   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.414 | 117   | 628083   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.346 | 152   | 235704   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.061  | 65    | 222652   | 65.167    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 130.340% |          |
| 35) Dibromofluoromethane      | 7.634  | 113   | 227052   | 56.272    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 112.540% |          |
| 50) Toluene-d8                | 10.103 | 98    | 842978   | 56.484    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | = 112.960% |          |
| 62) 4-Bromofluorobenzene      | 12.407 | 95    | 279368   | 48.683    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 29 - 146 | Recovery  | = 97.360%  |          |
| Target Compounds              |        |       |          |           |            | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.867  | 85    | 123      | Below Cal | #          | 43       |
| 11) Tert butyl alcohol        | 4.848  | 59    | 1992     | 7.219     | ug/l       | # 88     |
| 13) Acrolein                  | 3.647  | 56    | 255      | Below Cal | #          | 15       |
| 16) Acetone                   | 3.872  | 43    | 7719     | 9.483     | ug/l       | 89       |
| 17) Carbon Disulfide          | 4.098  | 76    | 37035    | 4.187     | ug/l       | 99       |
| 20) Methylene Chloride        | 4.610  | 84    | 21365    | 5.756     | ug/l       | 93       |
| 25) 2-Butanone                | 6.908  | 43    | 2365     | 2.043     | ug/l       | 97       |
| 31) Cyclohexane               | 7.695  | 56    | 25827    | 4.224     | ug/l       | # 69     |
| 36) 1,1-Dichloropropene       | 7.701  | 75    | 31974    | 5.824     | ug/l       | # 48     |
| 38) Carbon Tetrachloride      | 7.701  | 117   | 39551    | 6.388     | ug/l       | # 16     |
| 39) Methylcyclohexane         | 9.103  | 83    | 39905    | 5.462     | ug/l       | # 89     |
| 40) Benzene                   | 8.079  | 78    | 283016   | 16.736    | ug/l       | 99       |
| 48) Methyl methacrylate       | 9.189  | 41    | 3642     | 1.305     | ug/l       | # 29     |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43    | 10638    | 3.578     | ug/l       | 96       |
| 52) Toluene                   | 10.170 | 92    | 409604   | 37.661    | ug/l       | 97       |
| 55) 1,1,2-Trichloroethane     | 10.548 | 97    | 4411     | 1.413     | ug/l       | # 23     |
| 67) Ethyl Benzene             | 11.517 | 91    | 124519   | 5.672     | ug/l       | 99       |
| 68) m/p-Xylenes               | 11.621 | 106   | 232531   | 28.013    | ug/l       | 92       |
| 69) o-Xylene                  | 11.956 | 106   | 136501   | 16.815    | ug/l       | 95       |
| 70) Styrene                   | 11.969 | 104   | 27786    | 2.027     | ug/l       | # 18     |
| 74) N-amyl acetate            | 12.036 | 43    | 6019     | 1.294     | ug/l       | # 47     |
| 76) 1,2,3-Trichloropropane    | 12.407 | 75    | 148577   | 67.253    | ug/l       | # 100    |
| 78) n-propylbenzene           | 12.596 | 91    | 29848    | 1.473     | ug/l       | 97       |
| 79) 2-Chlorotoluene           | 12.657 | 91    | 16204    | 1.372     | ug/l       | # 39     |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105   | 88836    | 6.391     | ug/l       | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.407 | 75    | 148577   | 129.106   | ug/l       | # 16     |
| 84) 1,2,4-Trimethylbenzene    | 13.041 | 105   | 221958   | 16.130    | ug/l       | 96       |
| 85) sec-Butylbenzene          | 13.041 | 105   | 221958   | 12.141    | ug/l       | # 56     |
| 92) 1,2-Dibromo-3-Chloropr... | 14.291 | 75    | 559      | 1.105     | ug/l       | # 1      |
| 95) Naphthalene               | 15.139 | 128   | 2269887  | 283.400   | ug/l       | 99       |
| -----                         |        |       |          |           |            |          |

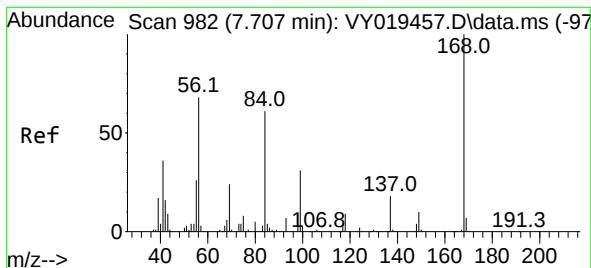
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091124\  
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Quant Title : SW846 8260  
QLast Update : Mon Sep 09 16:00:30 2024  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

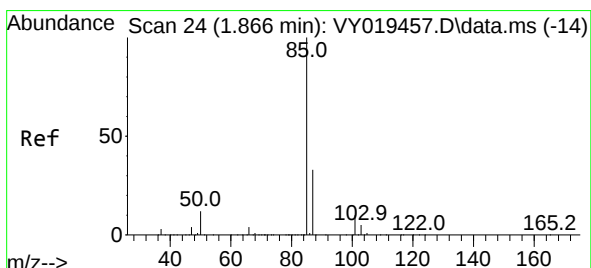
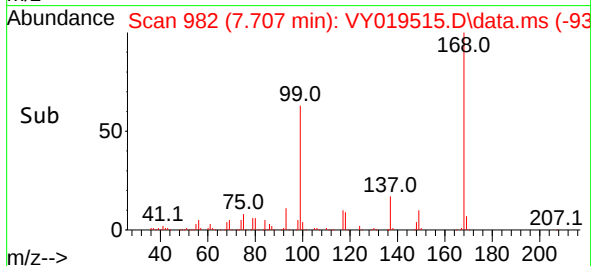
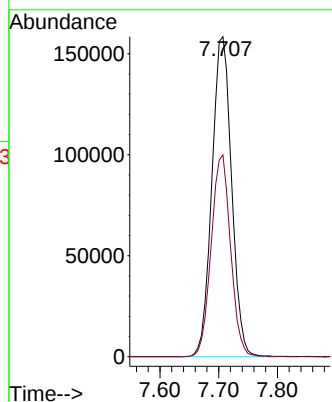
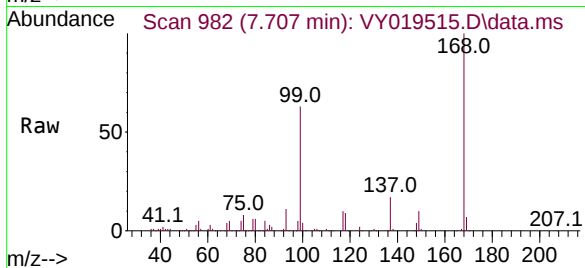
ClientSampleId :

Tgt Ion:168 Resp: 368977

Ion Ratio Lower Upper

168 100

99 63.1 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019515.D

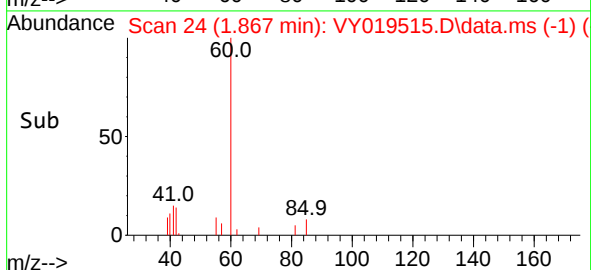
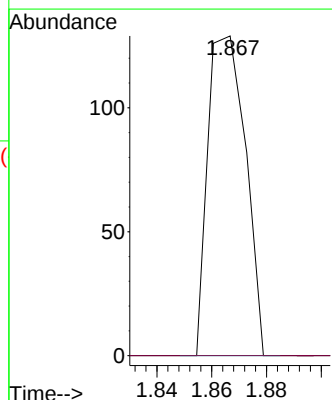
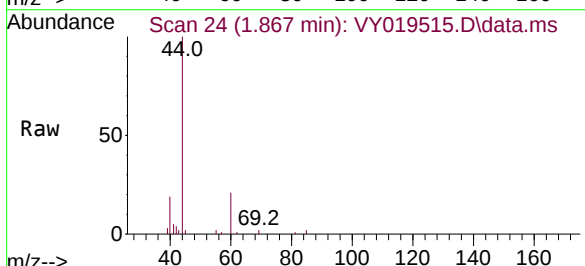
Acq: 11 Sep 2024 17:39

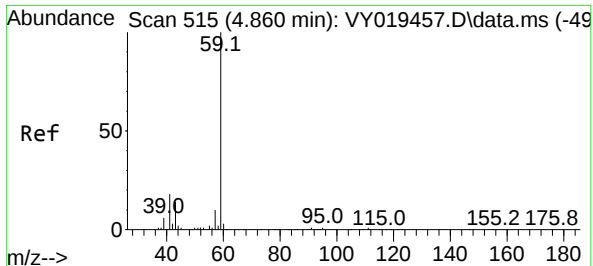
Tgt Ion: 85 Resp: 123

Ion Ratio Lower Upper

85 100

87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 7.219 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

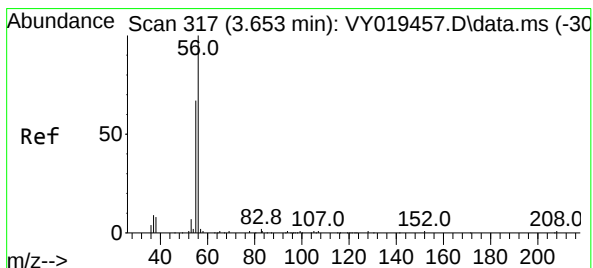
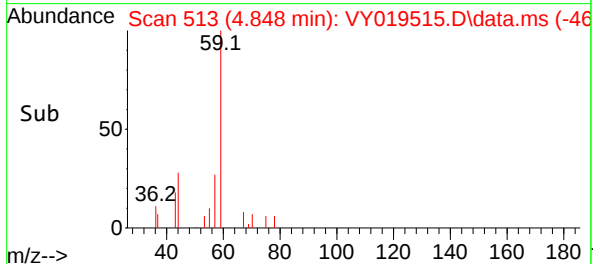
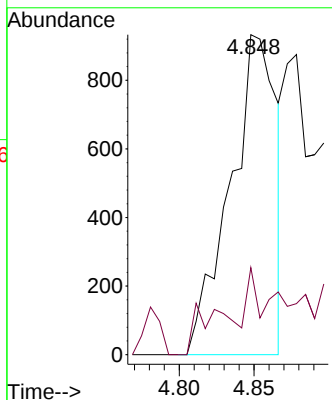
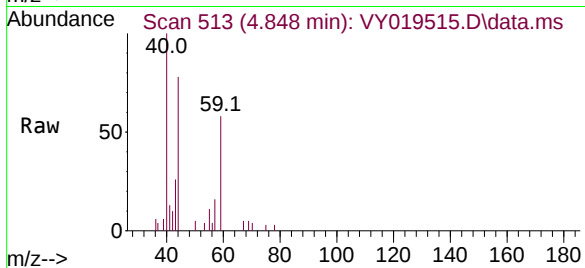
ClientSampleId :

Tgt Ion: 59 Resp: 1992

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019515.D

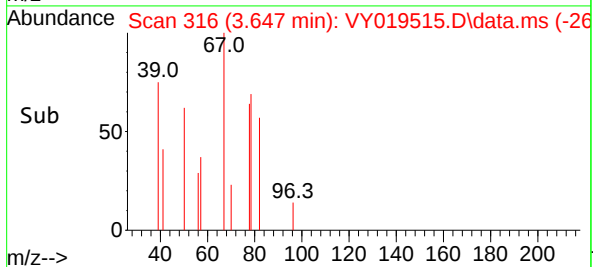
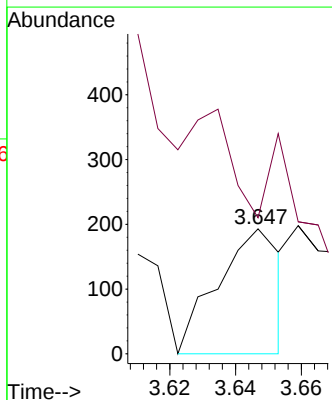
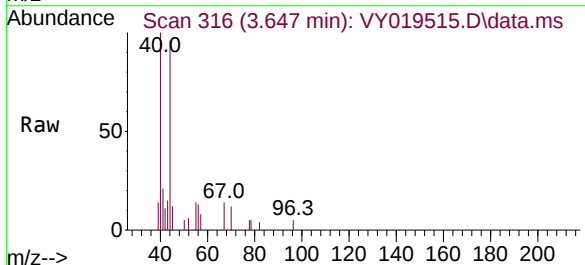
Acq: 11 Sep 2024 17:39

Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#





#16

Acetone

Concen: 9.483 ug/l

RT: 3.872 min Scan# 3

Delta R.T. 0.000 min

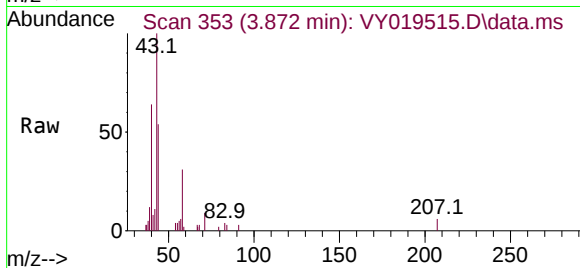
Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

ClientSampleId :

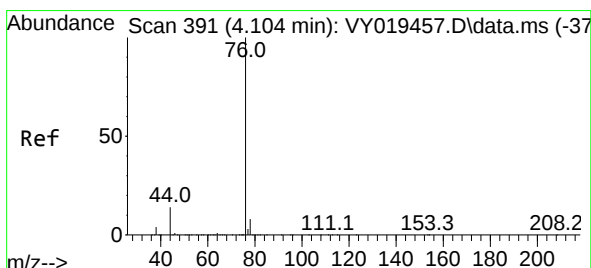
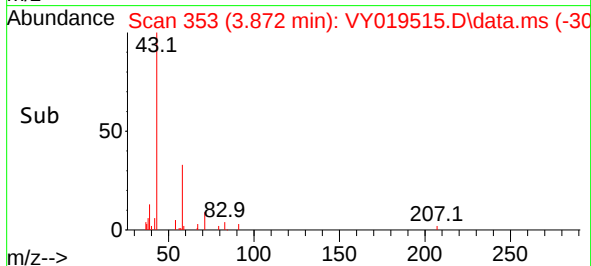
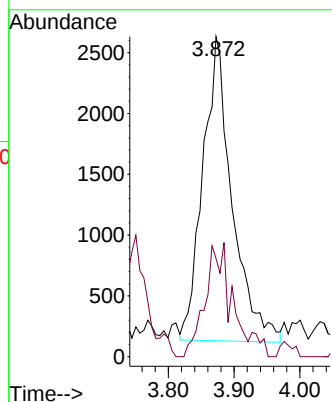


Tgt Ion: 43 Resp: 7719

Ion Ratio Lower Upper

43 100

58 32.9 31.7 47.5



#17

Carbon Disulfide

Concen: 4.187 ug/l

RT: 4.098 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY019515.D

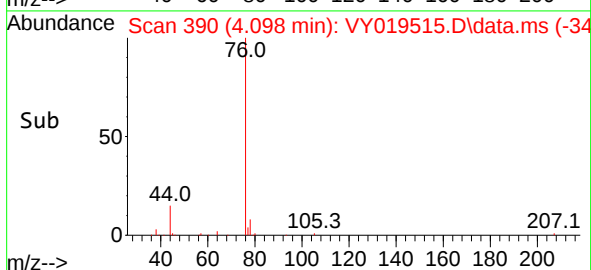
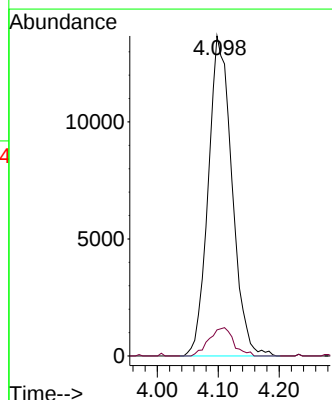
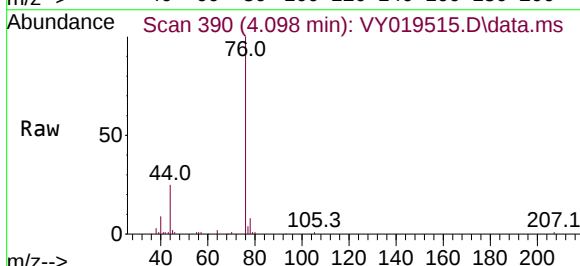
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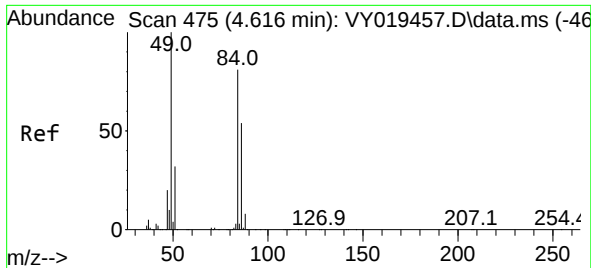
Tgt Ion: 76 Resp: 37035

Ion Ratio Lower Upper

76 100

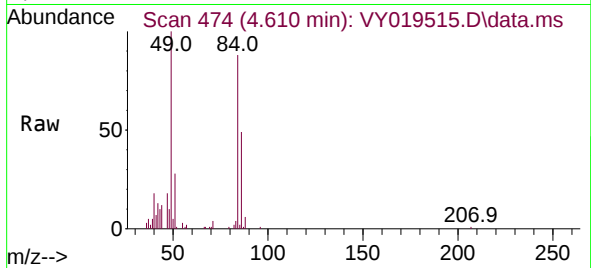
78 8.2 6.8 10.2



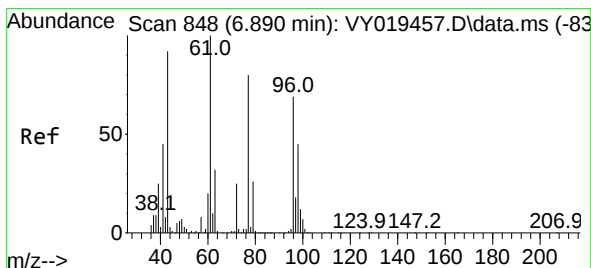
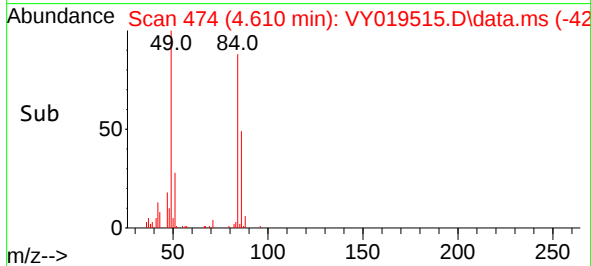
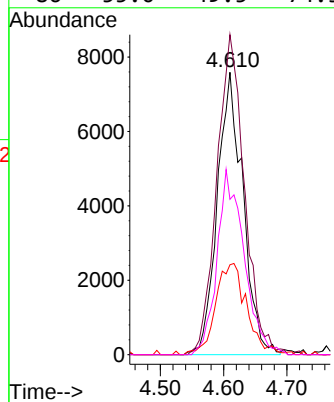


#20  
Methylene Chloride  
Concen: 5.756 ug/l  
RT: 4.610 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

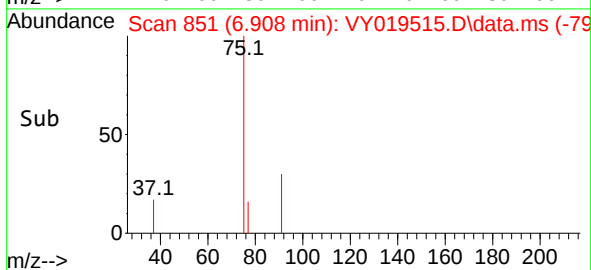
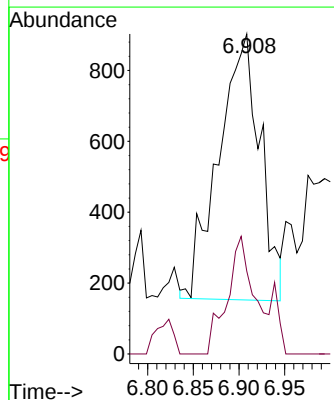
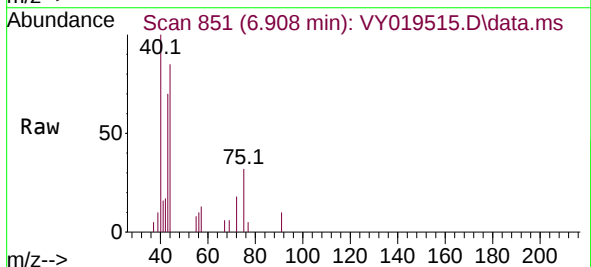


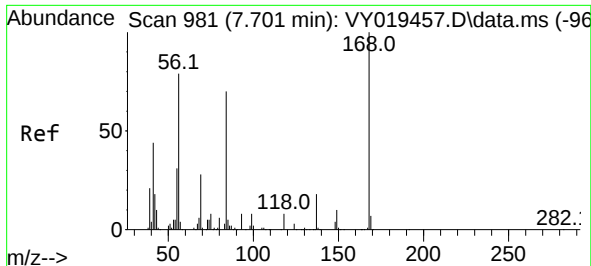
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|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 21365 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 113.3 | 84.4  | 126.6 |
| 51       | 31.9  | 26.0  | 39.0  |
| 86       | 55.0  | 49.5  | 74.3  |



#25  
2-Butanone  
Concen: 2.043 ug/l  
RT: 6.908 min Scan# 851  
Delta R.T. 0.018 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

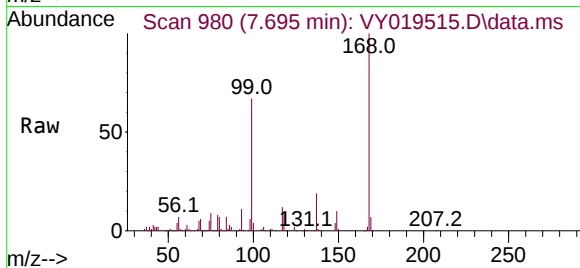
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|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2365  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 32.4  | 27.3  | 40.9  |



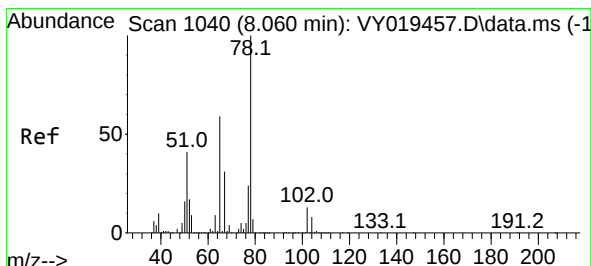
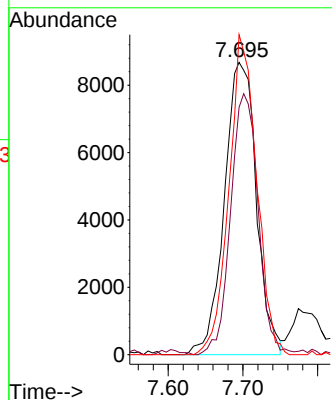
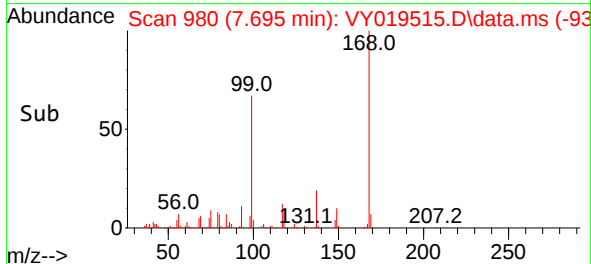


#31  
Cyclohexane  
Concen: 4.224 ug/l  
RT: 7.695 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

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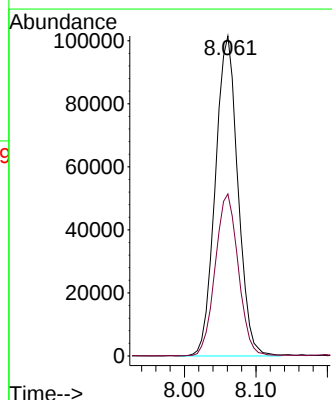
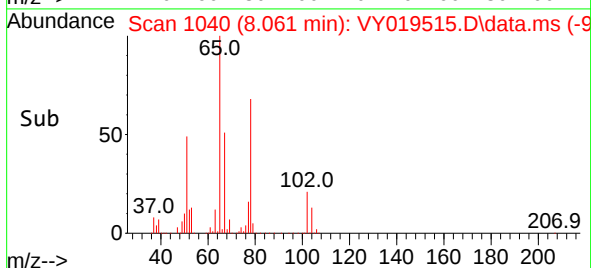
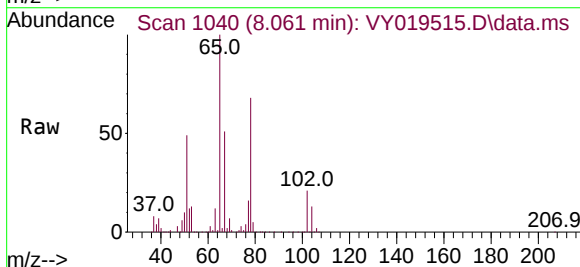


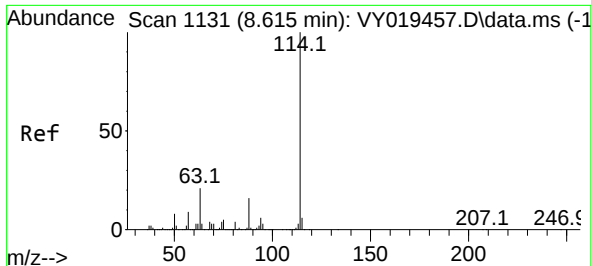
Tgt Ion: 56 Resp: 25827  
Ion Ratio Lower Upper  
56 100  
69 83.9 28.7 43.1#  
84 109.5 77.7 116.5



#33  
1,2-Dichloroethane-d4  
Concen: 65.167 ug/l  
RT: 8.061 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

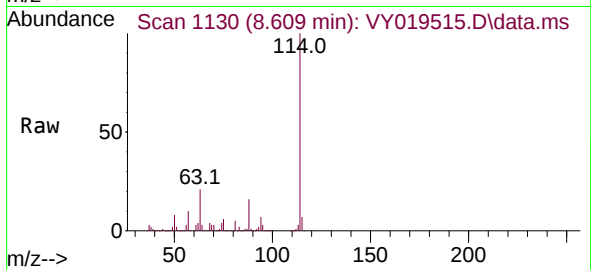
Tgt Ion: 65 Resp: 222652  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 109.6



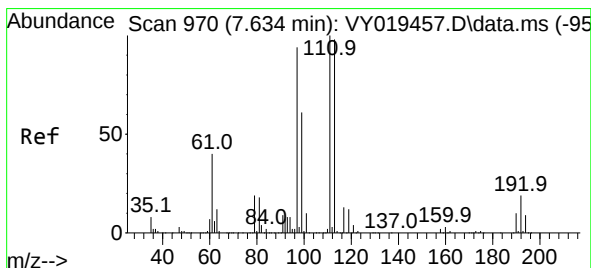
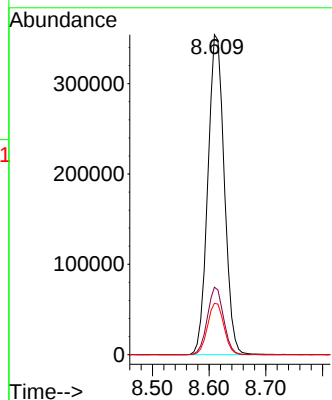
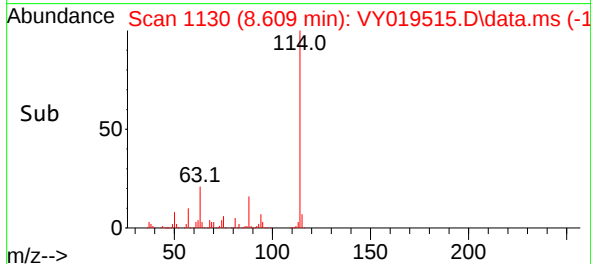


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.609 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

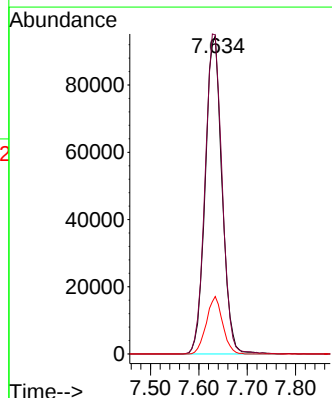
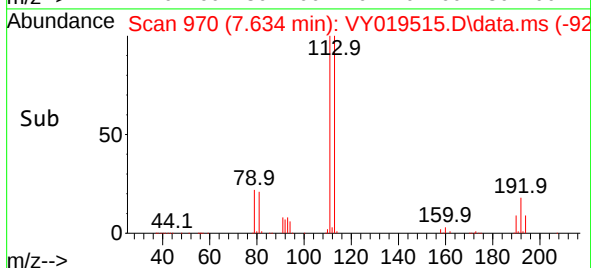
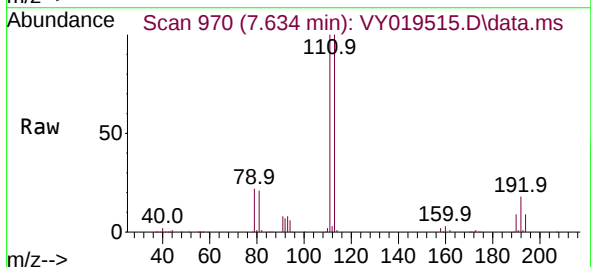


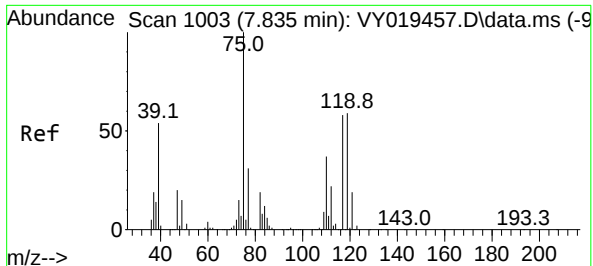
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|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 711651 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 21.1  | 0.0   | 35.0   |
| 88        | 16.0  | 0.0   | 27.2   |



#35  
Dibromofluoromethane  
Concen: 56.272 ug/l  
RT: 7.634 min Scan# 970  
Delta R.T. 0.000 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 227052 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.3 | 82.2  | 123.4  |
| 192       | 17.6  | 15.9  | 23.9   |





#36

1,1-Dichloropropene

Concen: 5.824 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.134 min

Lab File: VY019515.D

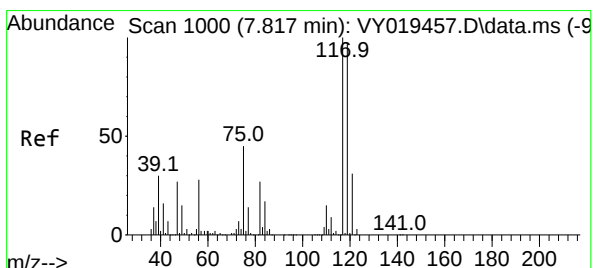
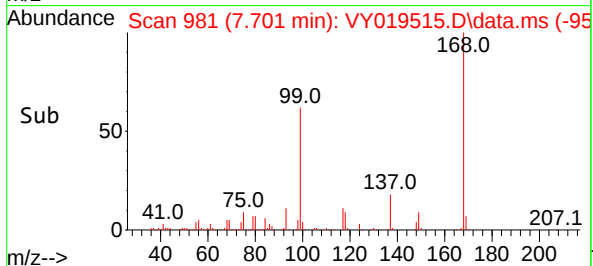
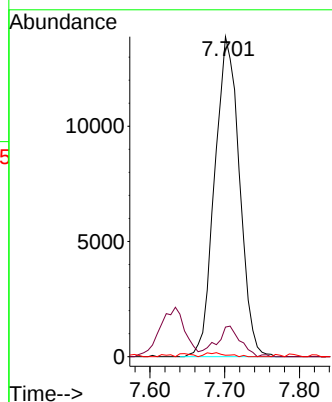
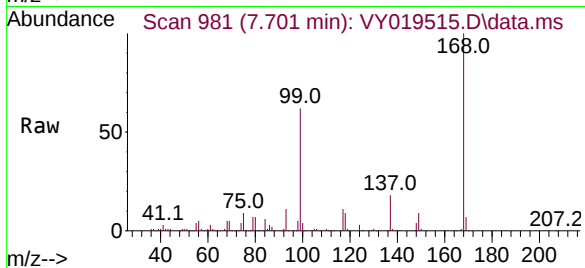
Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 31974 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.3   | 19.0  | 57.0# |
| 77       | 0.0   | 25.3  | 37.9# |



#38

Carbon Tetrachloride

Concen: 6.388 ug/l

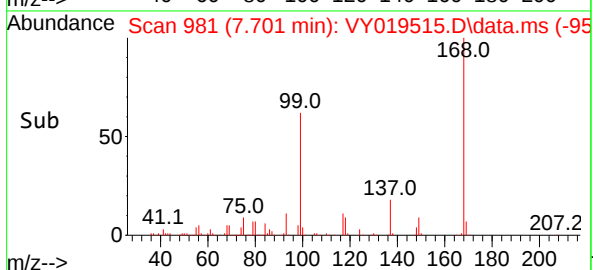
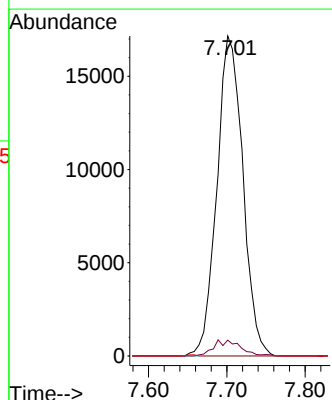
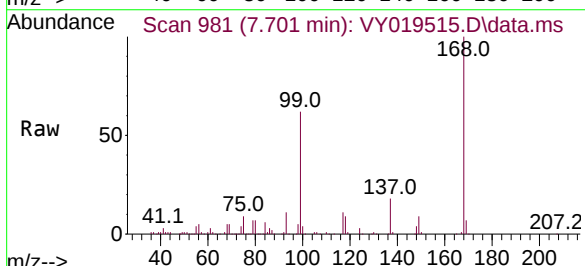
RT: 7.701 min Scan# 981

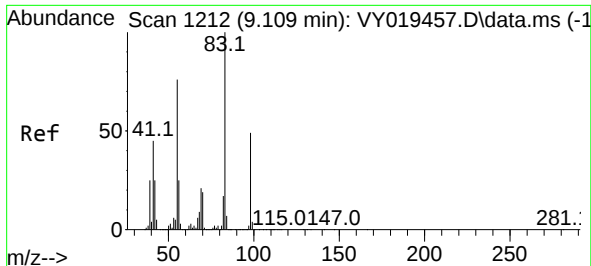
Delta R.T. -0.116 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 39551  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 5.0   | 75.8  | 113.6# |
| 121      | 0.0   | 24.0  | 36.0#  |





#39

Methylcyclohexane

Concen: 5.462 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

ClientSampleId :

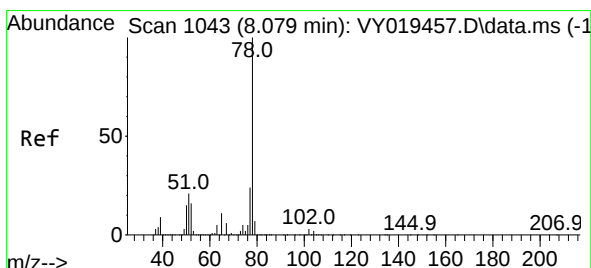
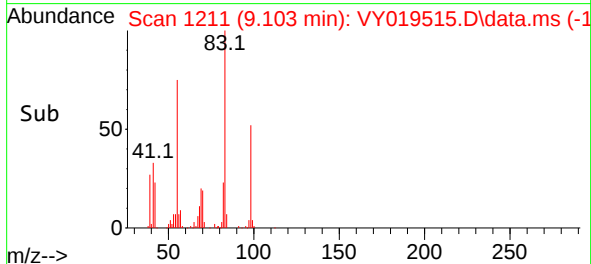
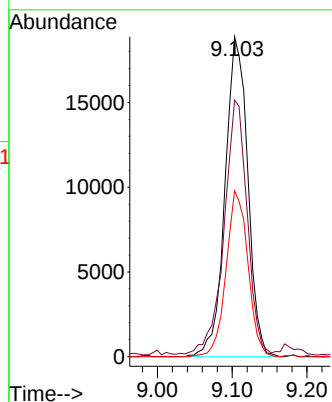
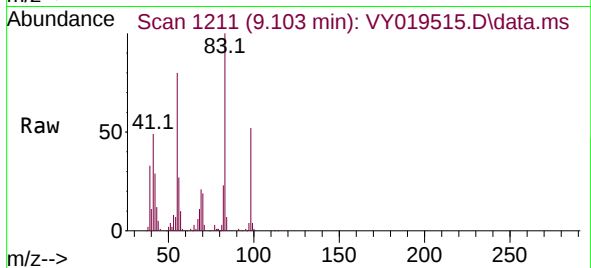
Tgt Ion: 83 Resp: 39905

Ion Ratio Lower Upper

83 100

55 79.1 51.5 77.3#

98 51.9 40.5 60.7



#40

Benzene

Concen: 16.736 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019515.D

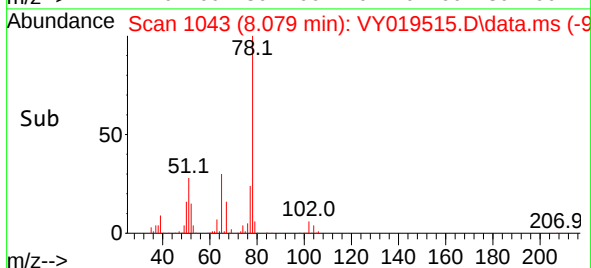
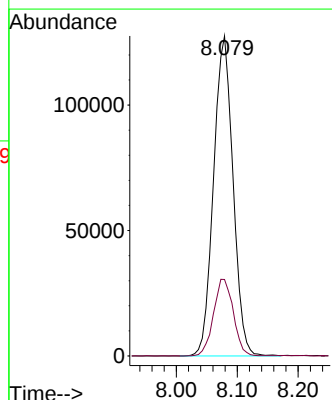
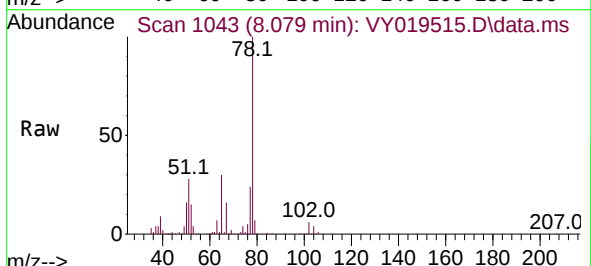
Acq: 11 Sep 2024 17:39

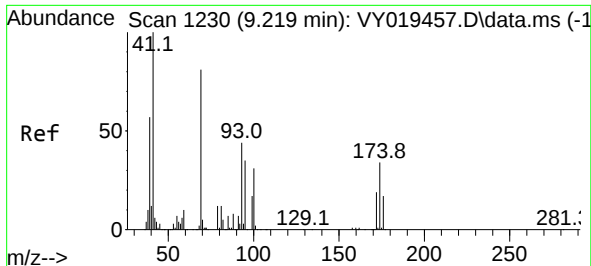
Tgt Ion: 78 Resp: 283016

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3





#48

Methyl methacrylate

Concen: 1.305 ug/l

RT: 9.189 min Scan# 11

Delta R.T. -0.030 min

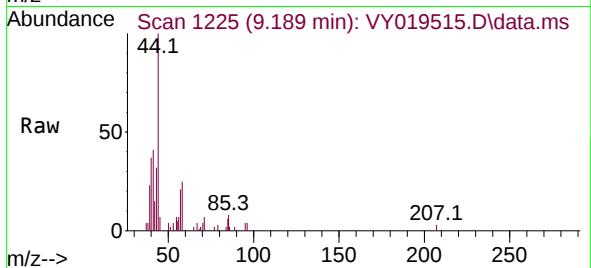
Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

ClientSampleId :



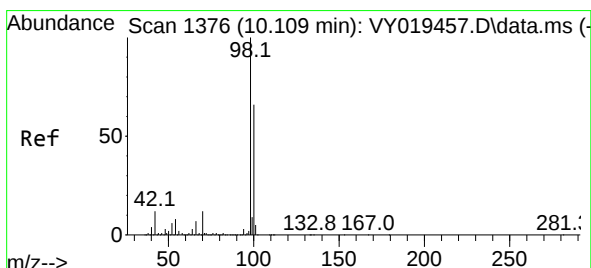
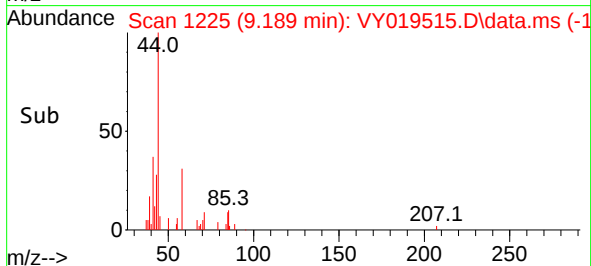
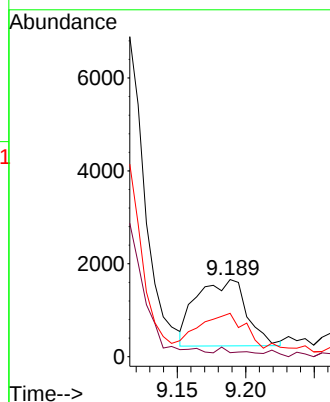
Tgt Ion: 41 Resp: 3642

Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 62.1 43.6 65.4



#50

Toluene-d8

Concen: 56.484 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019515.D

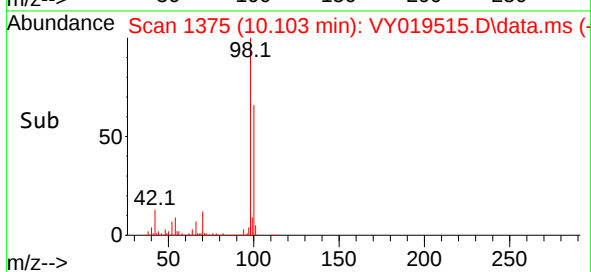
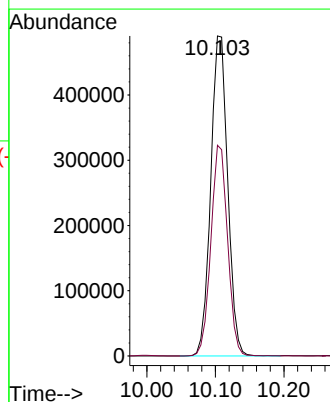
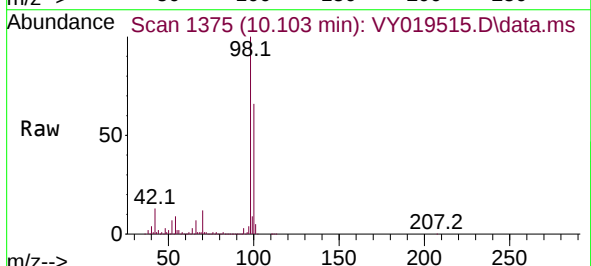
Acq: 11 Sep 2024 17:39

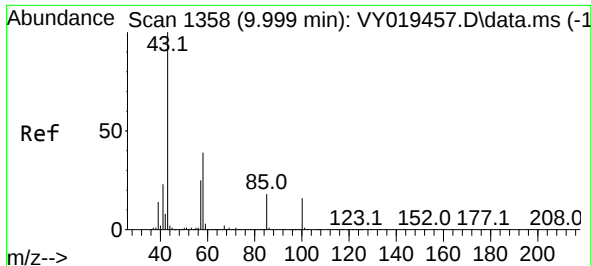
Tgt Ion: 98 Resp: 842978

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 3.578 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

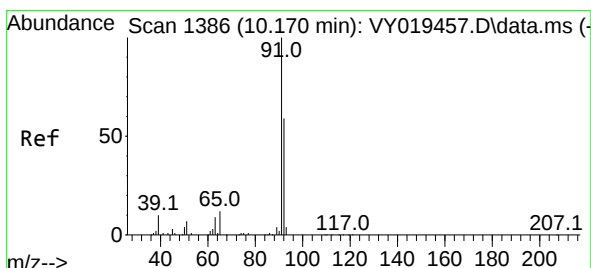
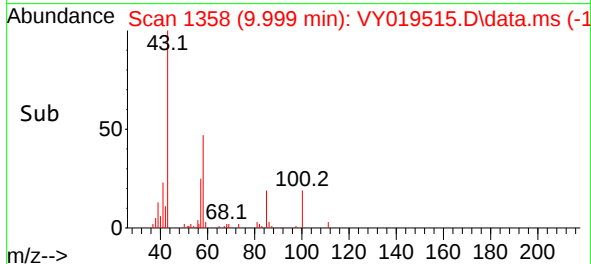
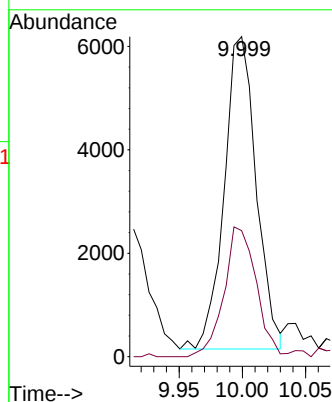
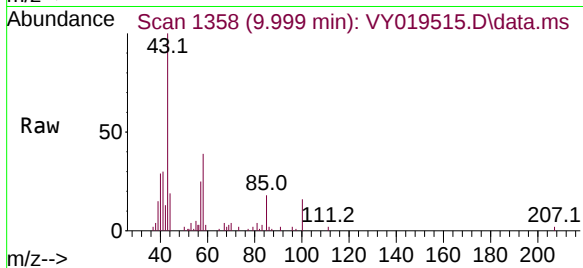
ClientSampleId :

Tgt Ion: 43 Resp: 10638

Ion Ratio Lower Upper

43 100

58 41.7 35.7 53.5



#52

Toluene

Concen: 37.661 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019515.D

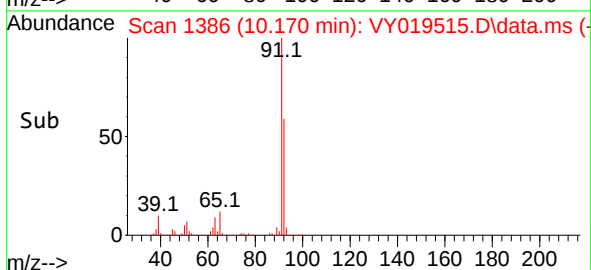
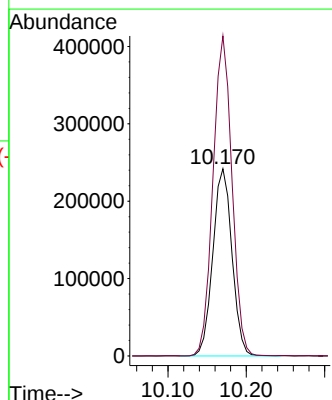
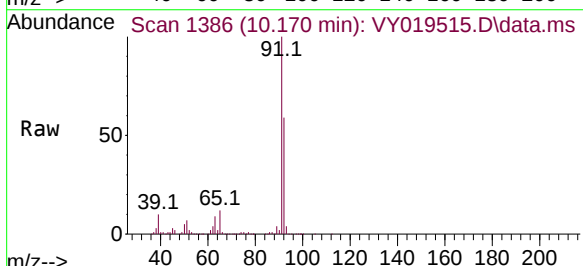
Acq: 11 Sep 2024 17:39

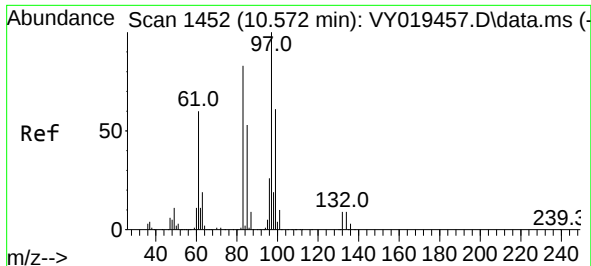
Tgt Ion: 92 Resp: 409604

Ion Ratio Lower Upper

92 100

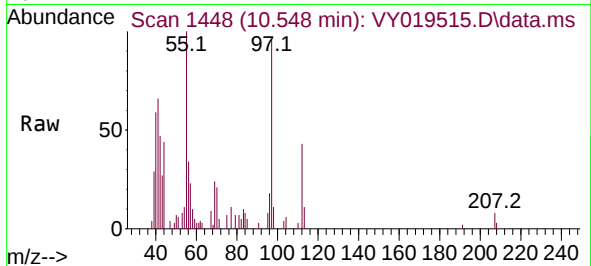
91 169.7 139.0 208.6



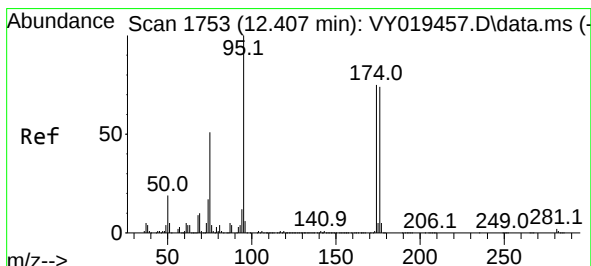
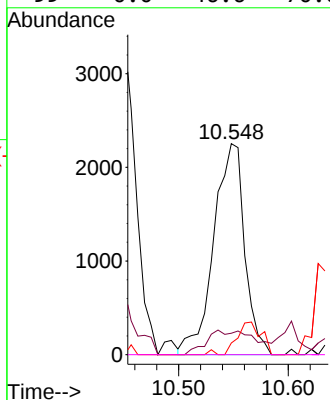
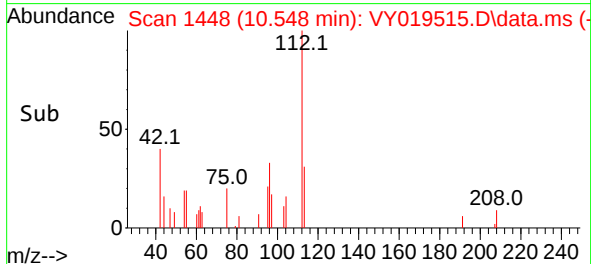


#55  
1,1,2-Trichloroethane  
Concen: 1.413 ug/l  
RT: 10.548 min Scan# 1452  
Delta R.T. -0.024 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

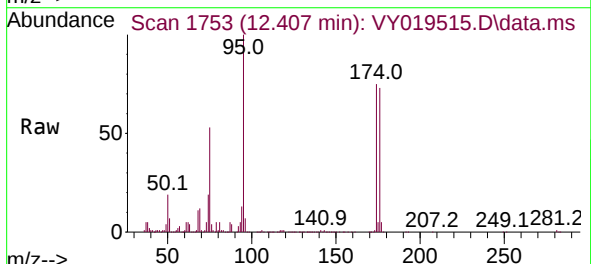
Instrument :  
MSVOA\_Y  
ClientSampleId :



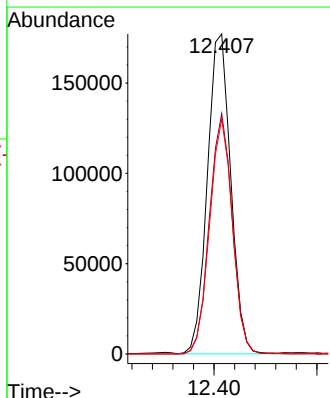
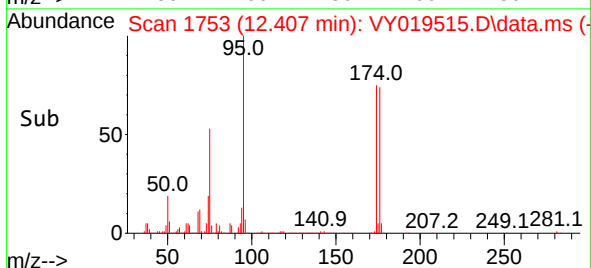
Tgt Ion: 97 Resp: 4411  
Ion Ratio Lower Upper  
97 100  
83 10.2 67.5 101.3#  
85 5.5 42.9 64.3#  
99 0.0 46.6 70.0#

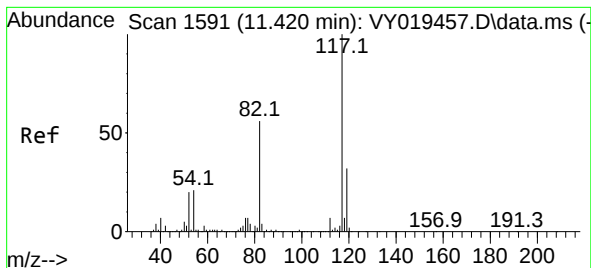


#62  
4-Bromofluorobenzene  
Concen: 48.683 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39



Tgt Ion: 95 Resp: 279368  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 175.6  
176 71.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

ClientSampleId :

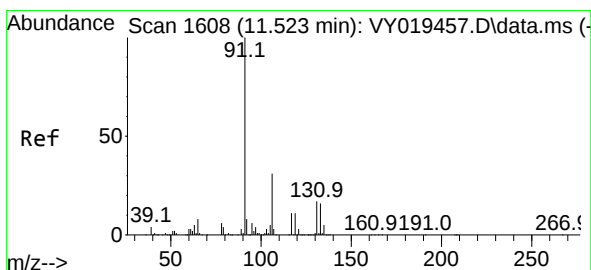
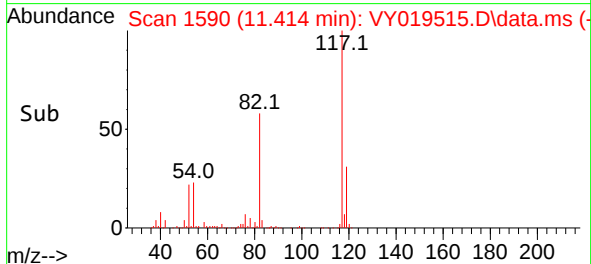
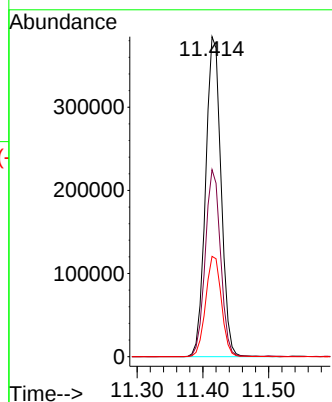
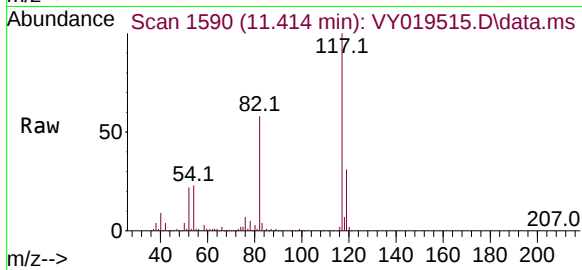
Tgt Ion:117 Resp: 628083

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 31.4 25.9 38.9



#67

Ethyl Benzene

Concen: 5.672 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019515.D

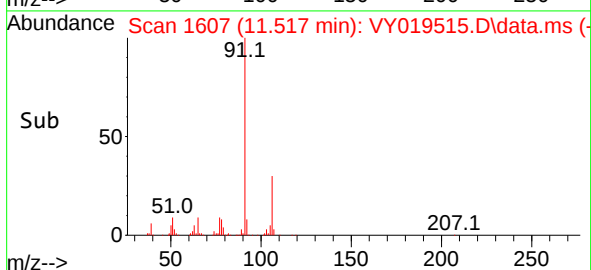
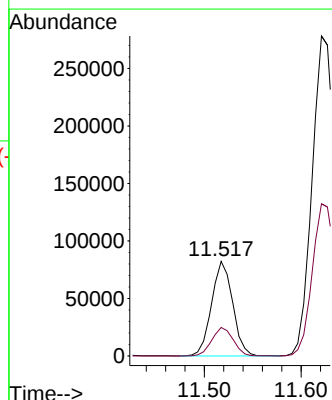
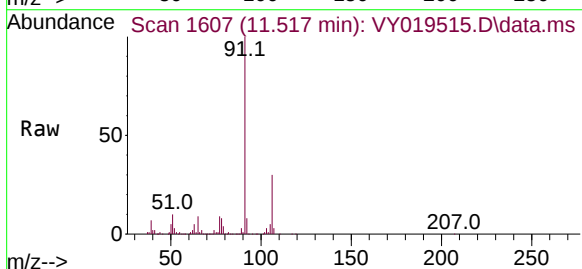
Acq: 11 Sep 2024 17:39

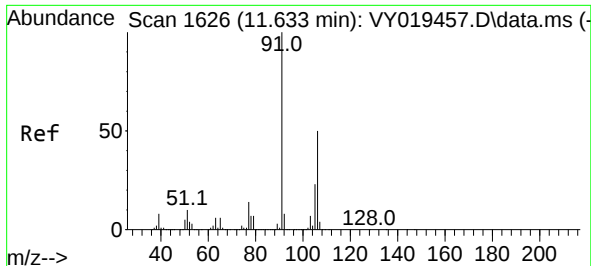
Tgt Ion: 91 Resp: 124519

Ion Ratio Lower Upper

91 100

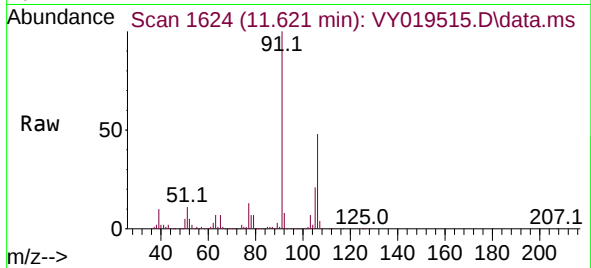
106 30.1 24.5 36.7



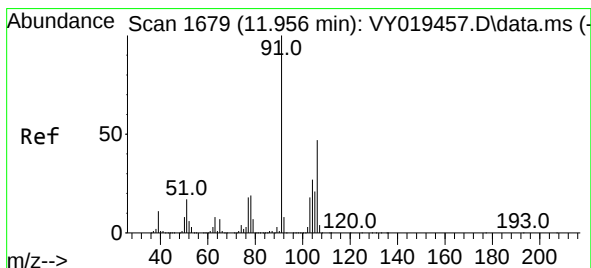
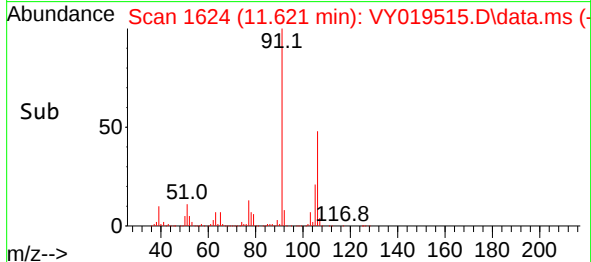
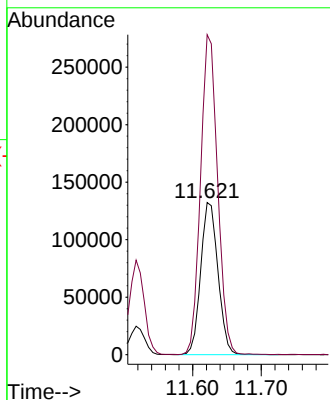


#68  
m/p-Xylenes  
Concen: 28.013 ug/l  
RT: 11.621 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

Instrument :  
MSVOA\_Y  
ClientSampleId :

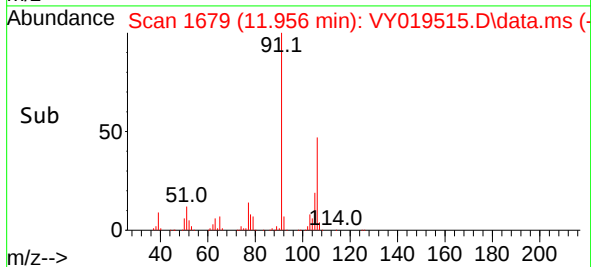
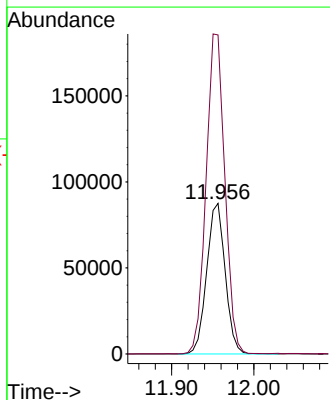
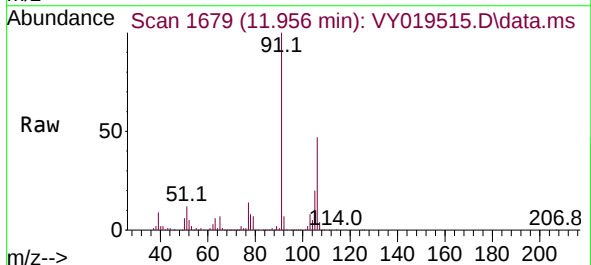


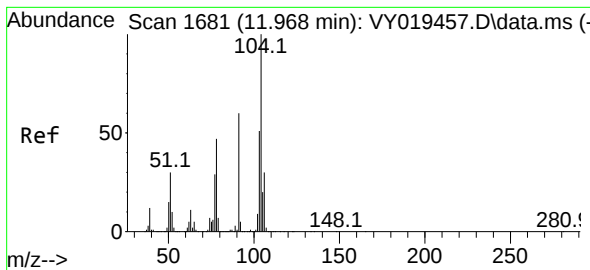
Tgt Ion:106 Resp: 232531  
Ion Ratio Lower Upper  
106 100  
91 207.6 156.0 234.0



#69  
o-Xylene  
Concen: 16.815 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

Tgt Ion:106 Resp: 136501  
Ion Ratio Lower Upper  
106 100  
91 215.7 103.6 310.8





#70

Styrene

Concen: 2.027 ug/l

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

ClientSampleId :

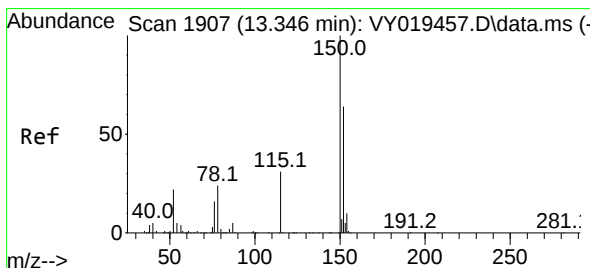
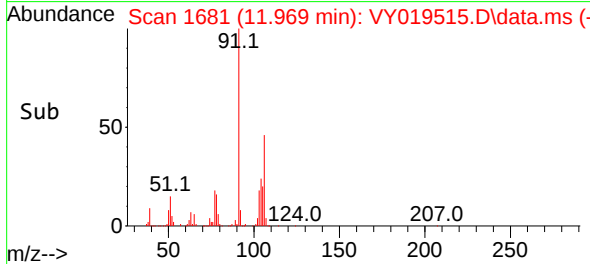
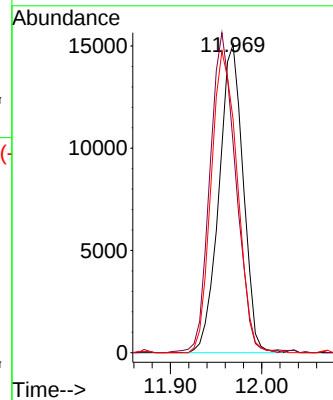
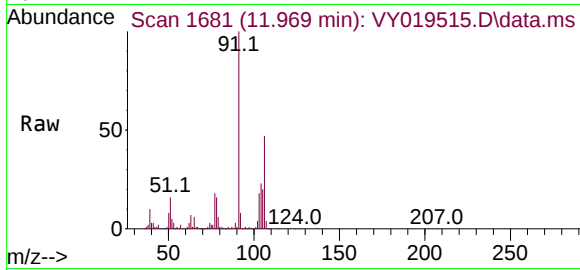
Tgt Ion:104 Resp: 27786

Ion Ratio Lower Upper

104 100

78 110.6 37.0 55.4#

103 105.1 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

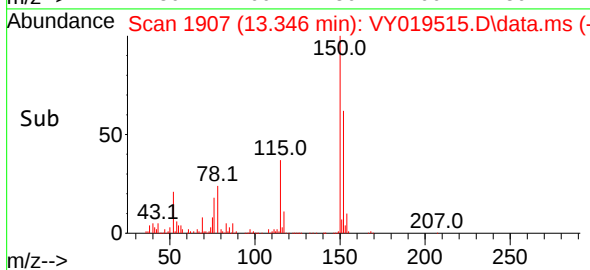
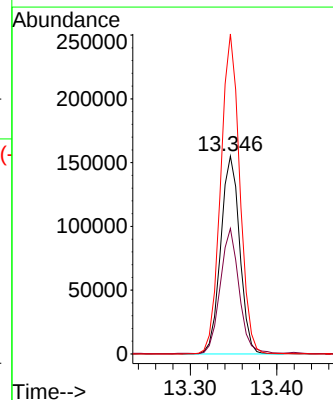
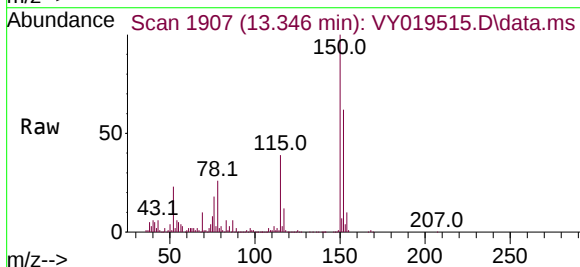
Tgt Ion:152 Resp: 235704

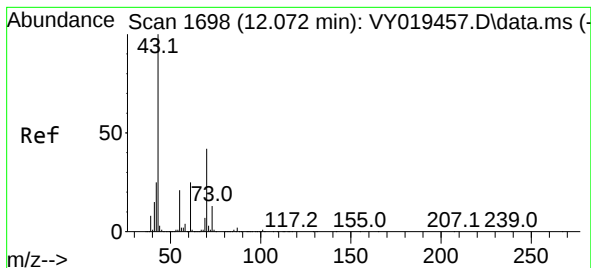
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 162.5 0.0 345.6





#74

N-amy1 acetate

Concen: 1.294 ug/l

RT: 12.036 min Scan# 1

Delta R.T. -0.036 min

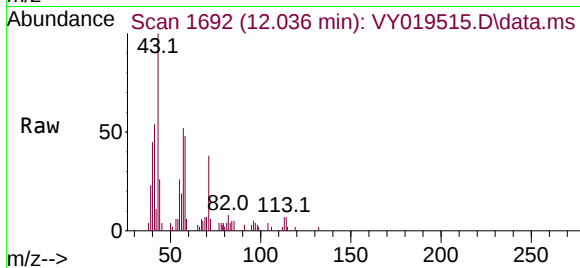
Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 43 Resp: 6019

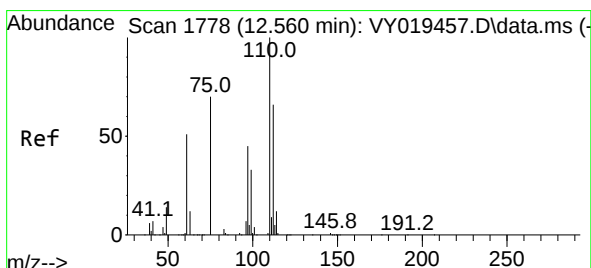
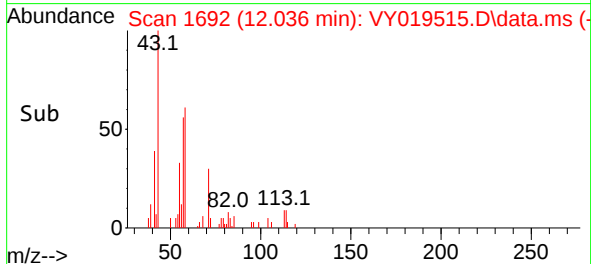
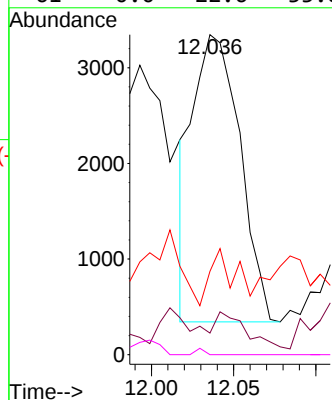
Ion Ratio Lower Upper

43 100

70 8.1 41.4 62.2#

55 10.4 23.3 34.9#

61 0.0 22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 67.253 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019515.D

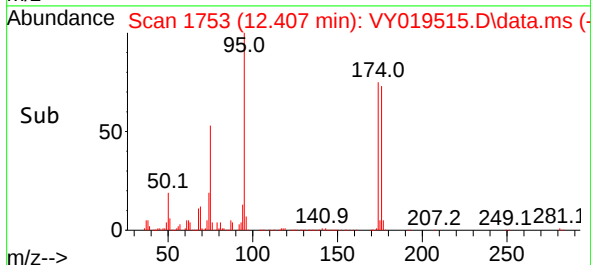
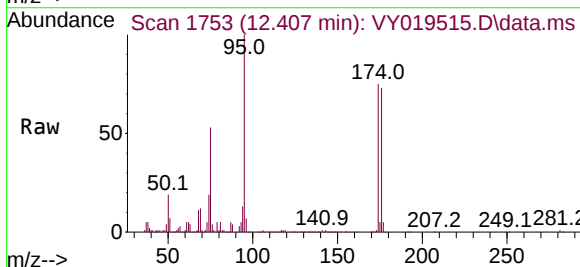
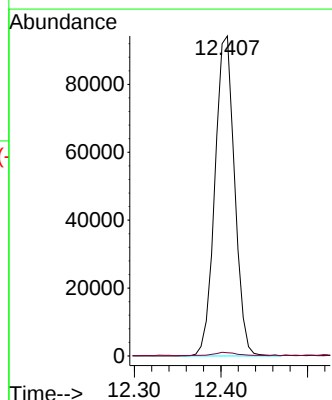
Acq: 11 Sep 2024 17:39

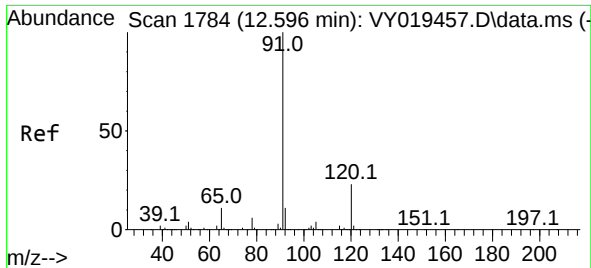
Tgt Ion: 75 Resp: 148577

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

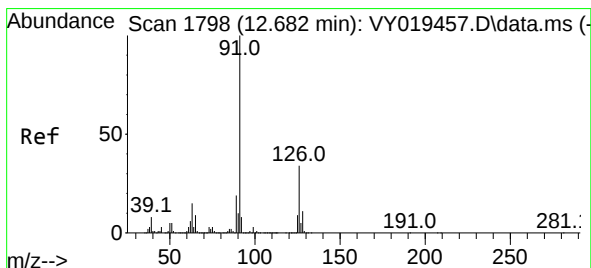
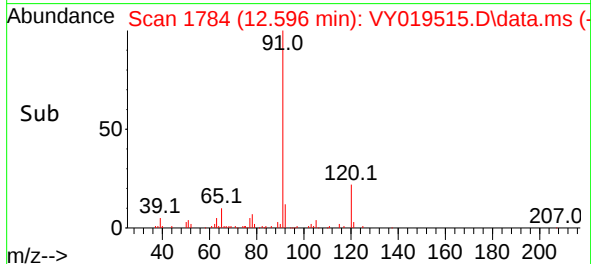
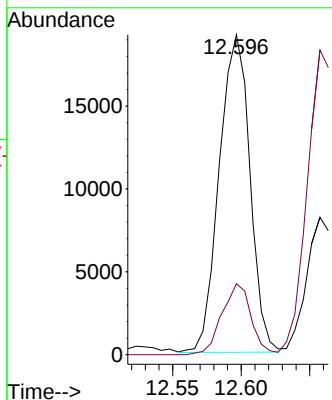
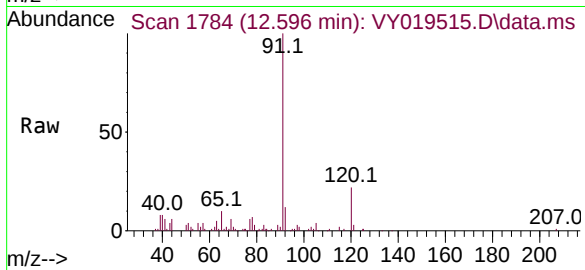




#78  
n-propylbenzene  
Concen: 1.473 ug/l  
RT: 12.596 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

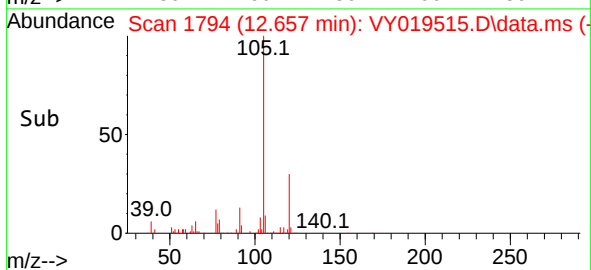
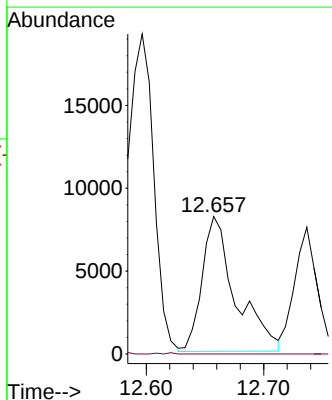
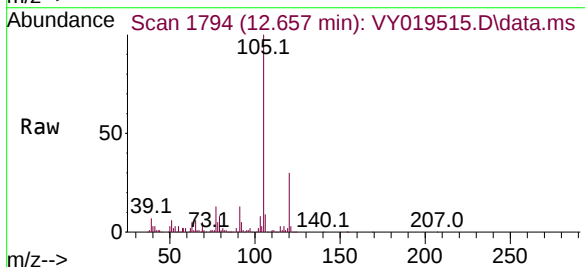
Instrument :  
MSVOA\_Y  
ClientSampleId :

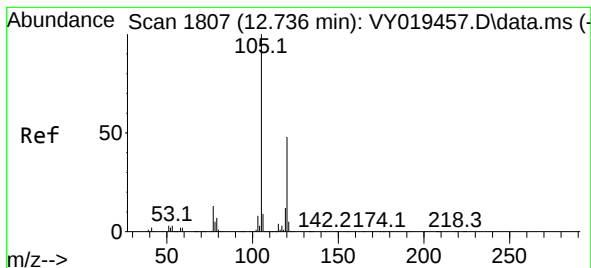
Tgt Ion: 91 Resp: 29848  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 1.372 ug/l  
RT: 12.657 min Scan# 1794  
Delta R.T. -0.024 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

Tgt Ion: 91 Resp: 16204  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 6.391 ug/l

RT: 12.737 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA\_Y

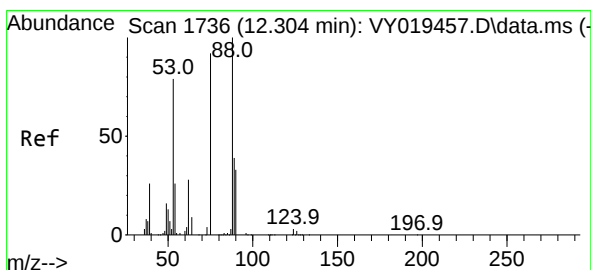
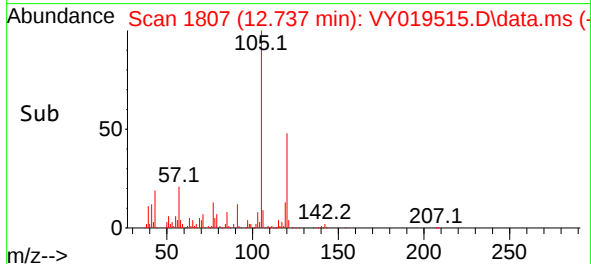
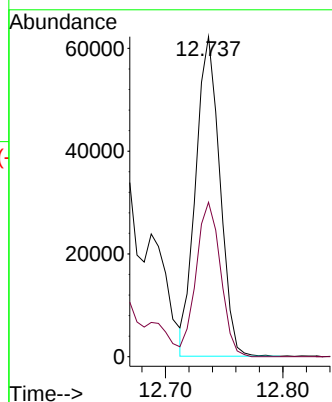
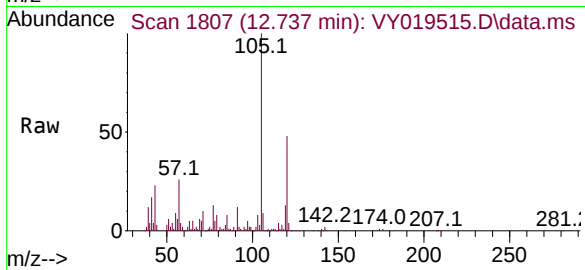
ClientSampleId :

Tgt Ion:105 Resp: 88836

Ion Ratio Lower Upper

105 100

120 48.8 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 129.106 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

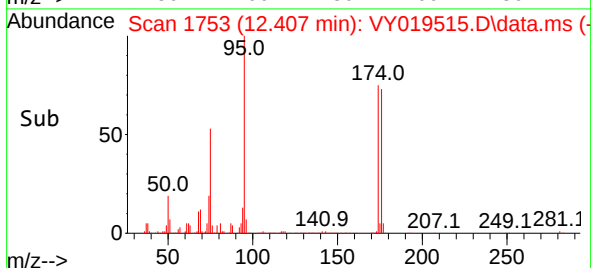
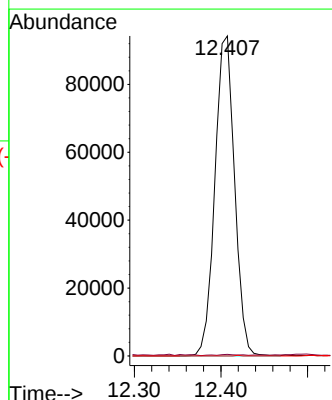
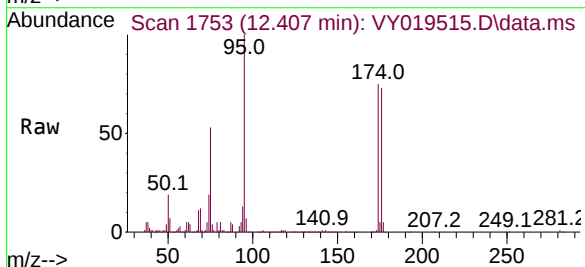
Tgt Ion: 75 Resp: 148577

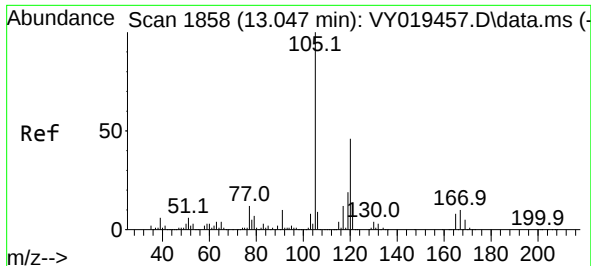
Ion Ratio Lower Upper

75 100

53 0.5 66.8 100.2#

89 0.0 35.8 53.6#

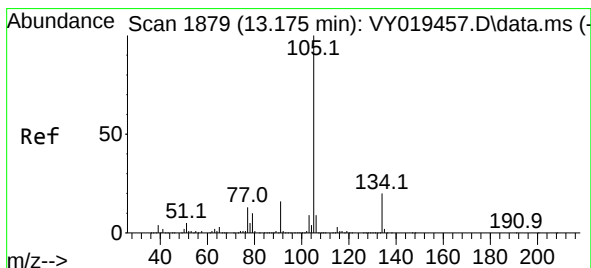
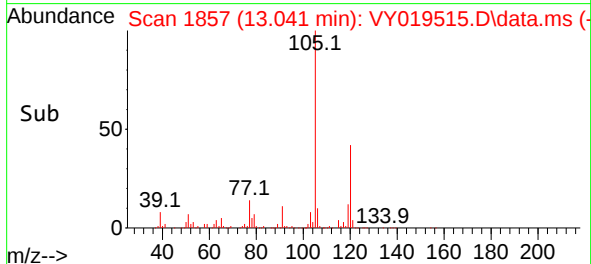
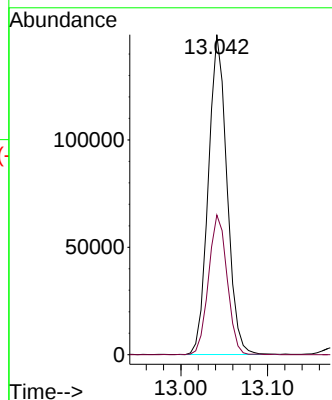
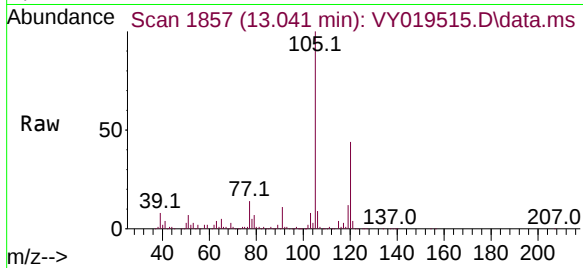




#84  
1,2,4-Trimethylbenzene  
Concen: 16.130 ug/l  
RT: 13.041 min Scan# 1857  
Delta R.T. -0.006 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

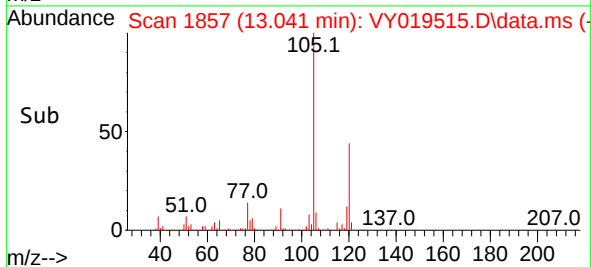
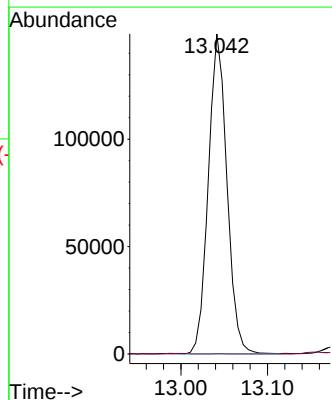
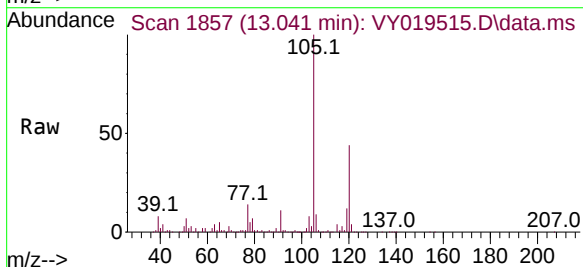
Instrument :  
MSVOA\_Y  
ClientSampleId :

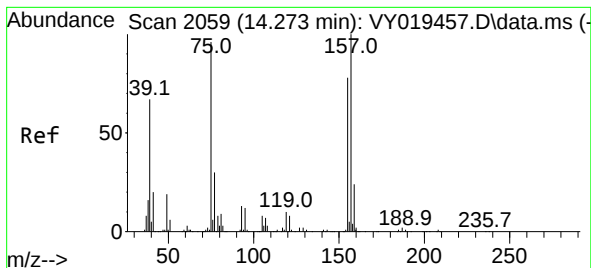
Tgt Ion:105 Resp: 221958  
Ion Ratio Lower Upper  
105 100  
120 43.7 23.2 69.6



#85  
sec-Butylbenzene  
Concen: 12.141 ug/l  
RT: 13.041 min Scan# 1857  
Delta R.T. -0.134 min  
Lab File: VY019515.D  
Acq: 11 Sep 2024 17:39

Tgt Ion:105 Resp: 221958  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.1 30.1#

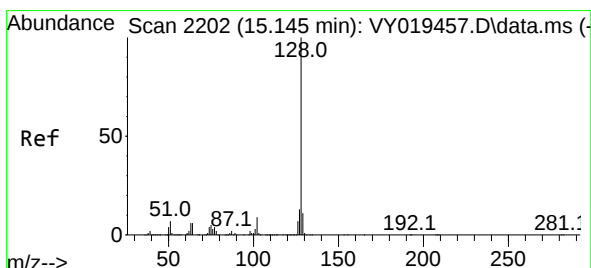
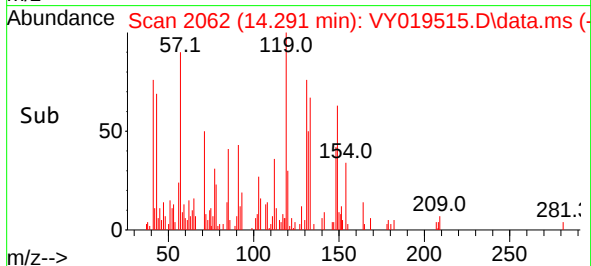
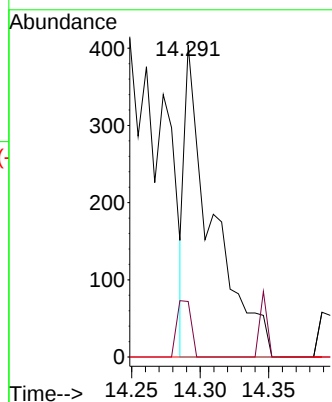
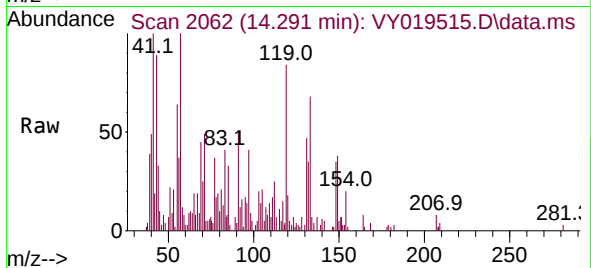




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.105 ug/l  
 RT: 14.291 min Scan# 2059  
 Delta R.T. 0.018 min  
 Lab File: VY019515.D  
 Acq: 11 Sep 2024 17:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 75 Resp: 559  
 Ion Ratio Lower Upper  
 75 100  
 155 9.5 48.6 145.8#  
 157 0.0 62.7 188.2#



#95  
 Naphthalene  
 Concen: 283.400 ug/l  
 RT: 15.139 min Scan# 2201  
 Delta R.T. -0.006 min  
 Lab File: VY019515.D  
 Acq: 11 Sep 2024 17:39

Tgt Ion: 128 Resp: 2269887  
 Ion Ratio Lower Upper  
 128 100  
 127 12.9 10.6 16.0  
 129 10.9 8.6 13.0

